ELSEVIER

Available online at www.sciencedirect.com

SCIENCE DIRECT®

Chemical Physics Letters 394 (2004) 460–467

CHEMICAL PHYSICS LETTERS

www.elsevier.com/locate/cplett

Author Index to Volume 394

Abdel-Aal, H., see McNamara, J.P. 394 (2004) 429
Acebal, P., S. Blaya and L. Carretero, Large enhancement of electronic first hyperpolarizability in Donor$_1$–π–Donor$_2$ chromophores with charge defects 394 (2004) 76
Albertí, M., see Pirani, F. 394 (2004) 37
Amita, F., see Kometani, N. 394 (2004) 85
Aoiz, F.J., see Torres, I. 394 (2004) 307
Arai, T., see Horiuchi, M. 394 (2004) 344
Ata, M., see Shiraishi, M. 394 (2004) 110

Bacchus-Montabonel, M.-C., see Łabuda, M. 394 (2004) 446
Bagus, P.S., R. Broer and E.S. Ilton, A new near degeneracy effect for photoemission in transition metals 394 (2004) 150
Baidakov, V.G., see Boltachev, G.S. 394 (2004) 329
Bakhache, M., see Belaïche, M. 394 (2004) 147
Bañares, L., see Torres, I. 394 (2004) 307
Barone, P., see Xu, F. 394 (2004) 280
Barr, J., see Torres, I. 394 (2004) 307
Belaïche, M., M. Bakhache, M. Drillon and A. Derory, Effect of non-magnetic impurities on the low-temperature susceptibility of the linear antiferromagnet $Cu_xZn_{1-x}V_2O_6$ 394 (2004) 147
Bell, R.D. and A.K. Wilson, SO_3 revisited: Impact of tight *d* augmented correlation consistent basis sets on atomization energy and structure 394 (2004) 105
Bernasconi, L., M. Sprik and J. Hutter, Hartree–Fock exchange in time dependent density functional theory: application to charge transfer excitations in solvated molecular systems 394 (2004) 141
Bhattacharyya, S.P., see Mondal, C.K. 394 (2004) 215
Biswas, N., S. Wategaonkar, T. Watanabe, T. Ebata and N. Mikami, Fluorescence, REMPI, hole-burning, and FDIR spectroscopy of *para*-cyanophenol–water$_1$ complex 394 (2004) 61
Blaya, S., see Acebal, P. 394 (2004) 76
Boltachev, G.S. and V.G. Baidakov, Mechanical approach to the description of liquid–vapor interfaces at low temperatures 394 (2004) 329
Bonanno, A., see Xu, F. 394 (2004) 280
Borovkov, V.I. and K.A. Velizhanin, A novel approach to study radical ion reactions in the course of geminate recombination by the quenching of time-resolved delayed fluorescence 394 (2004) 441
Broer, R., see Bagus, P.S. 394 (2004) 150
Bryce, R.A., see McNamara, J.P. 394 (2004) 429
Buckner, S.W., R.L. Konold and P.A. Jelliss, Luminescence quenching in PbS nanoparticles 394 (2004) 400
Bustos, E., see Lavín, C. 394 (2004) 114
Buszman, E., see Matuszczyk, M. 394 (2004) 366

Cage, B., J. Friedrich, R.B. Little, Y.-S. Wang, M.A. McFarland, C.L. Hendrickson, N. Dalal and A.G. Marshall, Wavelength resolved laser-induced fluorescence emission of $C_6F_3H_3^+$ trapped in an ion cyclotron resonance cell 394 (2004) 188
Caminati, W., see Ottaviani, P. 394 (2004) 262

doi:10.1016/S0009-2614(04)01135-2

Cappelletti, D., see Pirani, F. 394 (2004) 37
Cardinal, T., see Rocco, F. 394 (2004) 324
Carranza, M.A., see Douhal, A. 394 (2004) 54
Carretero, L., see Acebal, P. 394 (2004) 76
Castro, A., see Pirani, F. 394 (2004) 37
Catellani, M., see Ehrenfreund, E. 394 (2004) 132
Chan, W.K., see Leung, Y.H. 394 (2004) 452
Chan, W.K., see Cheung, C.H. 394 (2004) 203
Chang, H.-S., see Sung, S.-J. 394 (2004) 238
Chaquin, P. and A. Scemama, Theoretical study of the electrocyclization product of butadiyne: structure, stability and possible formations 394 (2004) 244
Chattaraj, P.K., see Parthasarathi, R. 394 (2004) 225
Chen, Y.-T., see Chuang, C.-H. 394 (2004) 287
Chen, C.-C., see Chuang, C.-H. 394 (2004) 287
Chen, C., see Zheng, X. 394 (2004) 137
Chen, J.M., see Lu, K.T. 394 (2004) 126
Chen, Y., see Zheng, X. 394 (2004) 137
Cheung, C.H., A.B. Djurišić, Y.H. Leung, Z.F. Wei, S.J. Xu and W.K. Chan, Tris(8-hydroxyquinoline) aluminium nanowires: a simple synthesis method 394 (2004) 203
Chiang, S.Y., see Lu, K.T. 394 (2004) 126
Cho, I., see Sung, S.-J. 394 (2004) 238
Cho, K.-Y., see Sung, S.-J. 394 (2004) 238
Choi, J.G., see Rocco, F. 394 (2004) 324
Chu, Y.-Y. and M.-D. Su, Theoretical study of addition reactions of carbene, silylene, and germylene to carbon nanotubes 394 (2004) 231
Chua, S.-J., see Liew, Y.-F. 394 (2004) 275
Chuang, C.-H., C.-C. Chen, H.-C. Wu and Y.-T. Chen, High-lying Rydberg states of vinyl bromide studied by two-photon resonant ionization spectroscopy 394 (2004) 287
Cool, T.A., see Taatjes, C.A. 394 (2004) 19
Couris, S., see Xenogiannopoulou, E. 394 (2004) 14
Cravino, A., see Ehrenfreund, E. 394 (2004) 132
Cremer, D., see Tuttle, T. 394 (2004) 5
Cupolillo, A., see Xu, F. 394 (2004) 280

Dalal, N., see Cage, B. 394 (2004) 188
Das, K.K., see Mondal, C.K. 394 (2004) 215
De Kok, M.M., see Timpanaro, S. 394 (2004) 339
De Waele, V., see Soroushian, B. 394 (2004) 313
Dellago, C., see Wang, Y. 394 (2004) 257
Derory, A., see Belaïche, M. 394 (2004) 147
Désilets, S., see Sun, X. 394 (2004) 266
DiLabio, G.A., see Johnson, E.R. 394 (2004) 334
Djurišić, A.B., see Leung, Y.H. 394 (2004) 452
Djurišić, A.B., see Cheung, C.H. 394 (2004) 203
Dobkowski, J., V. Galievsky, M. Gil and J. Waluk, Time-resolved fluorescence studies of porphycene isolated in low-temperature gas matrices 394 (2004) 410
Dodelet, J.P., see Sun, X. 394 (2004) 266
Douhal, A., M. Sanz, M.A. Carranza, J.A. Organero and L. Santos, Femtosecond observation of intramolecular charge- and proton-transfer reactions in a hydroxyflavone derivative 394 (2004) 54
Drillon, M., see Belaïche, M. 394 (2004) 147

Ebata, T., see Venkatesan, V. 394 (2004) 45
Ebata, T., see Biswas, N. 394 (2004) 61
Ehrenfreund, E., A. Cravino, H. Neugebauer, N.S. Sariciftci, S. Luzzati and M. Catellani, Even parity states in small band gap π-conjugated polymers: polydithienothiophenes 394 (2004) 132
Elango, M., see Parthasarathi, R. 394 (2004) 225

Ellervee, A., J. Linnanto and A. Freiberg, Spectroscopic and quantum chemical study of pressure effects on solvated chlorophyll 394 (2004) 80

Fakis, M., I. Polyzos, G. Tsigaridas, V. Giannetas and P. Persephonis, Excited state dynamics of a partially conjugated polymer studied by femtosecond fluorescence upconversion spectroscopy 394 (2004) 372
Fedotov, A.B., see Konorov, S.O. 394 (2004) 1
Freiberg, A., see Ellervee, A. 394 (2004) 80
Frenking, G., see Zhang, J. 394 (2004) 120
Freyland, W., see Issanin, A. 394 (2004) 220
Freysz, E., S. Montant, S. Létard and J.-F. Létard, Single laser pulse induces spin state transition within the hysteresis loop of an Iron compound 394 (2004) 318
Friedrich, J., see Cage, B. 394 (2004) 188
Fuji, T., see Taneichi, T. 394 (2004) 377
Fujii, A., see Venkatesan, V. 394 (2004) 45
Fujiwara, K., H. Monjushiro and H. Watarai, Non-linear optical activity of porphyrin aggregate at the liquid/liquid interface 394 (2004) 349
Furube, A., see Yoshihara, T. 394 (2004) 161

Galievsky, V., see Dobkowski, J. 394 (2004) 410
Gao, J., see Leung, Y.H. 394 (2004) 452
Gao, A.M., D.W. Zhang, J.Z.H. Zhang and Y. Zhang, An efficient linear scaling method for ab initio calculation of electron density of proteins 394 (2004) 293
Ghosal, S. and S. Mahapatra, Theoretical study of the photodetachment spectroscopy of ClH_2^- 394 (2004) 207
Giannetas, V., see Fakis, M. 394 (2004) 372
Gil, M., see Dobkowski, J. 394 (2004) 410
Gokel, G.W., see Lu, W. 394 (2004) 415
Goworek, T., R. Zaleski and J. Wawryszczuk, Observation of intramolecular defects in *n*-alkanes $C_{25}H_{52}$–$C_{29}H_{60}$ by the positron annihilation method 394 (2004) 90
Gräfenstein, J., see Tuttle, T. 394 (2004) 5
Gratt, M., see Li, D. 394 (2004) 387
Grochola, A., W. Jastrzebski and P. Kowalczyk, The $3^1\Pi_u$ state in Na_2 394 (2004) 383
Guo, J., see Zheng, X. 394 (2004) 137
Gutman, I., see Salem, K. 394 (2004) 283
Gutman, I., see Zhou, B. 394 (2004) 93

Han, S., see Xu, Z. 394 (2004) 405
Hendrickson, C.L., see Cage, B. 394 (2004) 188
Hillier, I.H., see McNamara, J.P. 394 (2004) 429
Hogreve, H., Mg_2^{2+}: a long-lived metastable dication 394 (2004) 32
Horiuchi, M., K. Maeda and T. Arai, Dynamic process of the photo-chemically produced flavin radicals in a neutral micelle studied by a magnetic field effect 394 (2004) 344
Hu, J., see Lu, W. 394 (2004) 415
Hutter, J., see Bernasconi, L. 394 (2004) 141

Ilton, E.S., see Bagus, P.S. 394 (2004) 150
Inada, T. and S.-S. Lu, Thermal hysteresis caused by non-equilibrium antifreeze activity of poly(vinyl alcohol) 394 (2004) 361
Inoue, T., see Xenogiannopoulou, E. 394 (2004) 14
Issanin, A., A. Turchanin and W. Freyland, Quasi-two-dimensional freezing and melting at the liquid/vapour interface of a Ga–Pb alloy 394 (2004) 220
Iwai, T., see Shiraishi, M. 394 (2004) 110
Iwasa, Y., see Shiraishi, M. 394 (2004) 110

Jain, A.K., see Rocco, F. 394 (2004) 324
Jastrzebski, W., see Grochola, A. 394 (2004) 383
Jelliss, P.A., see Buckner, S.W. 394 (2004) 400

Jensen, P., see Melnikov, V.V. 394 (2004) 171
Jezierska, J., see Tabaka, K. 394 (2004) 298
Jiang, M.-H., see Sun, Y.-H. 394 (2004) 176
Johnson, E.R., R.A. Wolkow and G.A. DiLabio, Application of 25 density functionals to dispersion-bound homomolecular dimers 394 (2004) 334

Kajimoto, O., see Kometani, N. 394 (2004) 85
Kataura, H., see Shiraishi, M. 394 (2004) 110
Katoh, R., see Yoshihara, T. 394 (2004) 161
Kemerink, M., see Timpanaro, S. 394 (2004) 339
Kim, W.S., see Sung, S.-J. 394 (2004) 238
Kim, Y.H., see Ree, J. 394 (2004) 250
Kim, J., see Lu, W. 394 (2004) 415
Ko, D.-S., see Lee, J. 394 (2004) 49
Kobayashi, T., see Taneichi, T. 394 (2004) 377
Kometani, N., K. Takemiya, Y. Yonezawa, F. Amita and O. Kajimoto, UV spectral shift of benzene in sub- and supercritical water 394 (2004) 85
Konno, T. and Y. Ozaki, Infrared spectroscopy of $(^{12}C^{18}O_2)_2$ and isotope effect on the vibrationally averaged structure of $(CO_2)_2$ 394 (2004) 198
Konold, R.L., see Buckner, S.W. 394 (2004) 400
Konorov, S.O., V.P. Mitrokhin, I.V. Smirnova, A.B. Fedotov, D.A. Sidorov-Biryukov and A.M. Zheltikov, Gas- and condensed-phase sensing by coherent anti-Stokes Raman scattering in a mesoporous silica aerogel host 394 (2004) 1
Koudoumas, E., see Xenogiannopoulou, E. 394 (2004) 14
Kowalczyk, P., see Grochola, A. 394 (2004) 383

Łabuda, M., Y.S. Tergiman, Bacchus-Montabonel, M.-C. and J.E. Sienkiewicz, Ab initio molecular treatment for charge transfer by S^{3+} ion on hydrogen 394 (2004) 446
Lampre, I., see Soroushian, B. 394 (2004) 313
Lavín, C., A.M. Velasco, I. Martín and E. Bustos, MQDO oscillator strengths and emission coefficients for electronic transitions in N_2 and NO 394 (2004) 114
Le Coustumer, P., see Rocco, F. 394 (2004) 324
Lee, J., J. Lee, M. Lee, K.-J.-B. Lee and D.-S. Ko, Scanning confocal fluorescence microscopy of single DNA–EtBr complexes dispersed in polymer 394 (2004) 49
Lee, J., J. Lee, M. Lee, K.-J.-B. Lee and D.-S. Ko, Scanning confocal fluorescence microscopy of single DNA–EtBr complexes dispersed in polymer 394 (2004) 49
Lee, M., see Lee, J. 394 (2004) 49
Lee, C.Y., see Rocco, F. 394 (2004) 324
Lee, K.-J.-B., see Lee, J. 394 (2004) 49
Létard, J.-F., see Freysz, E. 394 (2004) 318
Létard, S., see Freysz, E. 394 (2004) 318
Leung, Y.H., A.B. Djurišić, J. Gao, M.H. Xie, Z.F. Wei, S.J. Xu and W.K. Chan, Zinc oxide ribbon and comb structures: synthesis and optical properties 394 (2004) 452
Leung, Y.H., see Cheung, C.H. 394 (2004) 203
Lewis, E.K., C.J. Moehnke and C.E. Manzanares, Phase shift cavity ring down and FT-VIS measurements of C–H (Δv = 5) vibrational overtone absorptions 394 (2004) 25
Li, H., see Xu, Z. 394 (2004) 405
Li, R., see Sun, X. 394 (2004) 266
Li, D., J.T. McCann, M. Gratt and Y. Xia, Photocatalytic deposition of gold nanoparticles on electrospun nanofibers of titania 394 (2004) 387
Liew, Y.-F., F. Zhu and S.-J. Chua, Effect of organic layer combination on dark spot formation in organic light emitting devices 394 (2004) 275
Linnanto, J., see Ellervee, A. 394 (2004) 80
Lipiński, J., Sum rules for nonlinear optical properties of molecules 394 (2004) 397
Little, R.B., see Cage, B. 394 (2004) 188
López, J.C., see Ottaviani, P. 394 (2004) 262

Lu, W., W. Qiu, J. Kim, O. Okobiah, J. Hu, G.W. Gokel and D. Zhong, Femtosecond studies of crown ethers: supramolecular solvation, local solvent structure and cation–π interaction 394 (2004) 415
Lu, S.-I., Random walks based approach to study on molecular structures and torsional barrier heights of hydrogen peroxide 394 (2004) 271
Lu, K.T., C.I. Ma, J.M. Chen and S.Y. Chiang, VUV photoionization of $Si(CH_3)_2Cl_2$ using synchrotron radiation 394 (2004) 126
Lu, S.-S., see Inada, T. 394 (2004) 361
Luo, Y., see Sun, Y.-H. 394 (2004) 176
Luzzati, S., see Ehrenfreund, E. 394 (2004) 132

Ma, C.I., see Lu, K.T. 394 (2004) 126
Madhu, P.K., E. Vinogradov and S. Vega, Multiple-pulse and magic-angle spinning aided double-quantum proton solid-state NMR spectroscopy 394 (2004) 423
Maeda, K., see Horiuchi, M. 394 (2004) 344
Mahapatra, S., see Ghosal, S. 394 (2004) 207
Maji, K., see Mondal, C.K. 394 (2004) 215
Malykhin, S., see Zilberberg, I. 394 (2004) 392
Manicò, G., see Xu, F. 394 (2004) 280
Manzanares, C.E., see Lewis, E.K. 394 (2004) 25
Marshall, A.G., see Cage, B. 394 (2004) 188
Martín, I., see Lavín, C. 394 (2004) 114
Matuszczyk, M., E. Buszman, B. Pilawa, T. Witoszyńska and T. Wilczok, Cd^{2+} effect on free radicals in *Cladosporium cladosporioides*-melanin tested by EPR spectroscopy 394 (2004) 366
McCann, J.T., see Li, D. 394 (2004) 387
McFarland, M.A., see Cage, B. 394 (2004) 188
McNamara, J.P., A.-M. Muslim, H. Abdel-Aal, H. Wang, M. Mohr, I.H. Hillier and R.A. Bryce, Towards a quantum mechanical force field for carbohydrates: a reparametrized semi-empirical MO approach 394 (2004) 429
Melnikov, V.V. and P. Jensen, Potential energy surface and spectroscopic parameters of $\tilde{X}^3\Sigma^-$ CNN 394 (2004) 171
Mikami, N., see Biswas, N. 394 (2004) 61
Mikami, N., see Venkatesan, V. 394 (2004) 45
Mitrokhin, V.P., see Konorov, S.O. 394 (2004) 1
Moehnke, C.J., see Lewis, E.K. 394 (2004) 25
Mohr, M., see McNamara, J.P. 394 (2004) 429
Moix Teixidor, M., see Pirani, F. 394 (2004) 37
Mondal, C.K., K.K. Das, K. Maji and S.P. Bhattacharyya, Photoionization dynamics from Cl_2^-: a one-electron model 394 (2004) 215
Monjushiro, H., see Fujiwara, K. 394 (2004) 349
Montant, S., see Freysz, E. 394 (2004) 318
Morales, D.A., Supersymmetric improvement of the Pekeris approximation for the rotating Morse potential 394 (2004) 68
Mostafavi, M., see Soroushian, B. 394 (2004) 313
Murai, M., see Yoshihara, T. 394 (2004) 161
Muslim, A.-M., see McNamara, J.P. 394 (2004) 429

Nakajima, K., see Taatjes, C.A. 394 (2004) 19
Neugebauer, H., see Ehrenfreund, E. 394 (2004) 132
Nozaki, D. and K. Yoshizawa, Molecular orbital engineering of single-molecular light emission 394 (2004) 194

Okobiah, O., see Lu, W. 394 (2004) 415
Oliva, A., see Xu, F. 394 (2004) 280
Organero, J.A., see Douhal, A. 394 (2004) 54
Osborn, D.L., see Taatjes, C.A. 394 (2004) 19

Ottaviani, P., W. Caminati, B. Velino and J.C. López, Tunnelling rate and barrier to the transfer of the protic group in dimethylether–HCl 394 (2004) 262
Ozaki, Y., see Konno, T. 394 (2004) 198

Padmanabhan, J., see Parthasarathi, R. 394 (2004) 225
Pan, Q.-J. and H.-X. Zhang, Theoretical studies on metal–metal interaction and $\sigma^*(d) \rightarrow \sigma(p)$ transition in binuclear platinum(II) complex, *trans*-$[Pt_2^{II}(CN)_4(PH_2CH_2PH_2)_2]$ 394 (2004) 155
Papagno, L., see Xu, F. 394 (2004) 280
Park, S.H., see Rocco, F. 394 (2004) 324
Park, J.-K., see Sung, S.-J. 394 (2004) 238
Parthasarathi, R., J. Padmanabhan, M. Elango, V. Subramanian and P.K. Chattaraj, Intermolecular reactivity through the generalized philicity concept 394 (2004) 225
Paulus, B. and K. Rosciszewski, Metallic bonding due to electronic correlations: a quantum chemical ab initio calculation of the cohesive energy of mercury 394 (2004) 96
Pernot, P., see Soroushian, B. 394 (2004) 313
Persephonis, P., see Fakis, M. 394 (2004) 372
Pilawa, B., see Matuszczyk, M. 394 (2004) 366
Pirani, F., M. Albertí, A. Castro, M. Moix Teixidor and D. Cappelletti, Atom–bond pairwise additive representation for intermolecular potential energy surfaces 394 (2004) 37
Polyzos, I., see Fakis, M. 394 (2004) 372
Pommeret, S., see Soroushian, B. 394 (2004) 313

Qiu, W., see Lu, W. 394 (2004) 415

Ray, P.C., The effects of π-conjugation on first hyperpolarizabilities of charged NLO chromophores 394 (2004) 354
Ree, J., Y.H. Kim and H.K. Shin, Collision-induced CH bond dissociation in highly excited toluene 394 (2004) 250
Riccardi, P., see Xu, F. 394 (2004) 280
Rocco, F., A.K. Jain, M. Treguer, T. Cardinal, S. Yotte, P. Le Coustumer, C.Y. Lee, S.H. Park and J.G. Choi, Optical response of silver coating on CdS colloids 394 (2004) 324
Rosciszewski, K., see Paulus, B. 394 (2004) 96
Ruyten, W., Oxygen quenching of PtTFPP in FIB polymer: a sequential process? 394 (2004) 101
Ruzankin, S.P., see Zilberberg, I. 394 (2004) 392
Ruzankin, S.P., see Zilberberg, I. 394 (2004) 165

Salem, K. and I. Gutman, Clar number of hexagonal chains 394 (2004) 283
Santos, L., see Douhal, A. 394 (2004) 54
Sanz, M., see Douhal, A. 394 (2004) 54
Sariciftci, N.S., see Ehrenfreund, E. 394 (2004) 132
Scemama, A., see Chaquin, P. 394 (2004) 244
Schrader, S., see Timpanaro, S. 394 (2004) 339
Shin, H.K., see Ree, J. 394 (2004) 250
Shinohara, H., see Xenogiannopoulou, E. 394 (2004) 14
Shiraishi, M., T. Takenobu, T. Iwai, Y. Iwasa, H. Kataura and M. Ata, Single-walled carbon nanotube aggregates for solution-processed field effect transistors 394 (2004) 110
Sidorov-Biryukov, D.A., see Konorov, S.O. 394 (2004) 1
Sienkiewicz, J.E., see Łabuda, M. 394 (2004) 446
Smirnova, I.V., see Konorov, S.O. 394 (2004) 1
Soroushian, B., I. Lampre, P. Pernot, V. De Waele, S. Pommeret and M. Mostafavi, Formation and geminate recombination of solvated electron upon two-photon ionisation of ethylene glycol 394 (2004) 313
Sprik, M., see Bernasconi, L. 394 (2004) 141
Stansfield, B., see Sun, X. 394 (2004) 266
Su, M.-D., see Chu, Y.-Y. 394 (2004) 231
Su, H., see Xie, Y. 394 (2004) 182
Subramanian, V., see Parthasarathi, R. 394 (2004) 225
Sun, Y.-H., K. Zhao, C.-K. Wang, Y. Luo, Y. Yan, X.-T. Tao and M.-H. Jiang, Theoretical studies on nonlinear optical properties of two newly synthesized compounds: PVPHC and DPVPA 394 (2004) 176

Sun, X., R. Li, B. Stansfield, J.P. Dodelet and S. Désilets, 3D carbon nanotube network based on a hierarchical structure grown on carbon paper backing 394 (2004) 266
Sung, S.-J., K.-Y. Cho, J.-H. Yoo, W.S. Kim, H.-S. Chang, I. Cho and J.-K. Park, Dimerization behavior of cinnamate group attached to flexible polymer backbone and its effect on the molecular orientation 394 (2004) 238

Taatjes, C.A., D.L. Osborn, T.A. Cool and K. Nakajima, Synchrotron photoionization measurements of combustion intermediates: the photoionization efficiency of HONO 394 (2004) 19
Tabaka, K. and J. Jezierska, Molecular geometry and hyperfine interactions in iminoxy radicals with C=O or CH_2 group – DFT and EPR studies in liquid and rigid media 394 (2004) 298
Tagmatarchis, N., see Xenogiannopoulou, E. 394 (2004) 14
Takemiya, K., see Kometani, N. 394 (2004) 85
Takenobu, T., see Shiraishi, M. 394 (2004) 110
Tamaki, Y., see Yoshihara, T. 394 (2004) 161
Taneichi, T., T. Fuji, Y. Yuasa and T. Kobayashi, Vibrational phase characterization in femtosecond-pumped molecules by path-length modulation pump–probe spectroscopy 394 (2004) 377
Tanner, P.A., Erratum to 'Fluorescence and phosphorescence of Cr^{3+} in cubic hosts' [Chem. Phys. Lett. 388 (2004) 488–493] 394 (2004) 458
Tao, X.-T., see Sun, Y.-H. 394 (2004) 176
Teitel, S., see Wang, Y. 394 (2004) 257
Tergiman, Y.S., see Łabuda, M. 394 (2004) 446
Timpanaro, S., M. Kemerink, F.J. Touwslager, M.M. De Kok and S. Schrader, Morphology and conductivity of PEDOT/PSS films studied by scanning–tunneling microscopy 394 (2004) 339
Torres, I., J. Barr, J.E. Verdasco, L. Bañares and F.J. Aoiz, Near UV photodissociation of dimethyl sulphide: a direct mechanism on the second absorption band 394 (2004) 307
Touwslager, F.J., see Timpanaro, S. 394 (2004) 339
Treguer, M., see Rocco, F. 394 (2004) 324
Tsigaridas, G., see Fakis, M. 394 (2004) 372
Turchanin, A., see Issanin, A. 394 (2004) 220
Tuttle, T., J. Gräfenstein and D. Cremer, Analysis of the NMR through-space coupling mechanism between ^{19}F atoms 394 (2004) 5
Tzeng, W.B., see Xie, Y. 394 (2004) 182

Vega, S., see Madhu, P.K. 394 (2004) 423
Velasco, A.M., see Lavín, C. 394 (2004) 114
Velino, B., see Ottaviani, P. 394 (2004) 262
Velizhanin, K.A., see Borovkov, V.I. 394 (2004) 441
Venkatesan, V., A. Fujii, T. Ebata and N. Mikami, A direct experimental evidence for an aromatic C–H···O hydrogen bond by fluorescence-detected infrared spectroscopy 394 (2004) 45
Verdasco, J.E., see Torres, I. 394 (2004) 307
Vinogradov, E., see Madhu, P.K. 394 (2004) 423

Waluk, J., see Dobkowski, J. 394 (2004) 410
Wang, C.-K., see Sun, Y.-H. 394 (2004) 176
Wang, T., see Zheng, X. 394 (2004) 137
Wang, C., see Xu, Z. 394 (2004) 405
Wang, H., see McNamara, J.P. 394 (2004) 429
Wang, Y.-S., see Cage, B. 394 (2004) 188
Wang, Y., S. Teitel and C. Dellago, Melting and equilibrium shape of icosahedral gold nanoparticles 394 (2004) 257
Watanabe, T., see Biswas, N. 394 (2004) 61
Watarai, H., see Fujiwara, K. 394 (2004) 349
Wategaonkar, S., see Biswas, N. 394 (2004) 61
Wawryszczuk, J., see Goworek, T. 394 (2004) 90
Wei, Z.F., see Cheung, C.H. 394 (2004) 203
Wei, Z.F., see Leung, Y.H. 394 (2004) 452

Wilczok, T., see Matuszczyk, M. 394 (2004) 366
Wilson, A.K., see Bell, R.D. 394 (2004) 105
Witoszyńska, T., see Matuszczyk, M. 394 (2004) 366
Wolkow, R.A., see Johnson, E.R. 394 (2004) 334
Wu, H.-C., see Chuang, C.-H. 394 (2004) 287
Wu, T., see Xu, Z. 394 (2004) 405

Xenogiannopoulou, E., S. Couris, E. Koudoumas, N. Tagmatarchis, T. Inoue and H. Shinohara, Nonlinear optical response of some isomerically pure higher fullerenes and their corresponding endohedral metallofullerene derivatives: C_{82}–C_{2v}, Dy@C_{82} (I), Dy_2@C_{82} (I), C_{92}–C_2 and Er_2@C_{92} (IV) 394 (2004) 14
Xia, Y., see Li, D. 394 (2004) 387
Xie, Y., H. Su and W.B. Tzeng, Rotamers of *m*-aminophenol cation studied by mass analyzed threshold ionization spectroscopy and theoretical calculations 394 (2004) 182
Xie, M.H., see Leung, Y.H. 394 (2004) 452
Xu, S.J., see Leung, Y.H. 394 (2004) 452
Xu, Z., H. Li, C. Wang, T. Wu and S. Han, Is the blue shift of C–H vibration in DMF–water mixture mainly caused by C–H···O interaction? 394 (2004) 405
Xu, F., G. Manicò, A. Bonanno, P. Barone, P. Riccardi, A. Oliva, A. Cupolillo and L. Papagno, Electron energy loss spectrum of solid ethylene 394 (2004) 280
Xu, S.J., see Cheung, C.H. 394 (2004) 203

Yan, Y., see Sun, Y.-H. 394 (2004) 176
Yonezawa, Y., see Kometani, N. 394 (2004) 85
Yoo, J.-H., see Sung, S.-J. 394 (2004) 238
Yoshihara, T., M. Murai, Y. Tamaki, A. Furube and R. Katoh, Trace analysis by transient absorption spectroscopy: estimation of the solubility of C_{60} in polar solvents 394 (2004) 161
Yoshizawa, K., see Nozaki, D. 394 (2004) 194
Yotte, S., see Rocco, F. 394 (2004) 324
Yuasa, Y., see Taneichi, T. 394 (2004) 377

Zaleski, R., see Goworek, T. 394 (2004) 90
Zhang, D.J. and R.Q. Zhang, A structural model of one-dimensional thin silica nanowires 394 (2004) 437
Zhang, R.Q., see Zhang, D.J. 394 (2004) 437
Zhang, D.W., see Gao, A.M. 394 (2004) 293
Zhang, J.Z.H., see Gao, A.M. 394 (2004) 293
Zhang, J. and G. Frenking, Quantum chemical analysis of the chemical bonds in Mq3 (M = Al^{III}, Ga^{III}) as emitting material for OLED 394 (2004) 120
Zhang, Y., see Gao, A.M. 394 (2004) 293
Zhang, H.-X., see Pan, Q.-J. 394 (2004) 155
Zhao, K., see Sun, Y.-H. 394 (2004) 176
Zheltikov, A.M., see Konorov, S.O. 394 (2004) 1
Zheng, X., T. Wang, J. Guo, C. Chen and Y. Chen, Laser-induced fluorescence spectroscopy of NiS 394 (2004) 137
Zhidomirov, G.M., see Zilberberg, I. 394 (2004) 392
Zhong, D., see Lu, W. 394 (2004) 415
Zhou, S., Erratum to 'Perturbative density functional approximation in the view of weighted density concept and beyond' [Chem. Phys. Lett. 385 (2004) 208] 394 (2004) 459
Zhou, B. and I. Gutman, Relations between Wiener, hyper-Wiener and Zagreb indices 394 (2004) 93
Zhu, F., see Liew, Y.-F. 394 (2004) 275
Zilberberg, I., S.P. Ruzankin, S. Malykhin and G.M. Zhidomirov, Unrestricted density functional theory of the bonding between NO radical and ferrous ion 394 (2004) 392
Zilberberg, I. and S.P. Ruzankin, Expansion of the unrestricted determinant in the basis of paired orbitals 394 (2004) 165